



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Fishburn et al.

**Serial No.:** 10/714,115

**Filed:** November 13, 2003

**For:** METHODS OF FORMING A  
DOUBLE-SIDED CAPACITOR OR A  
CONTACT USING A SACRIFICIAL  
STRUCTURE AND SEMICONDUCTOR  
DEVICE PRECURSOR STRUCTURES TO  
A DOUBLE-SIDED CAPACITOR OR A  
CONTACT

**Confirmation No.:** 2724

**Examiner:** S. Hu

**Group Art Unit:** 2811

**Attorney Docket No.:** 2269-5926US  
(02-0070.00/US)

**Notice of Allowance Mailed:**

December 20, 2004

**Express Mail Mailing Label No.:** EL 994844422 US

**Date of Deposit with USPS:** March 15, 2005

**Person making Deposit:** Steve Wong

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

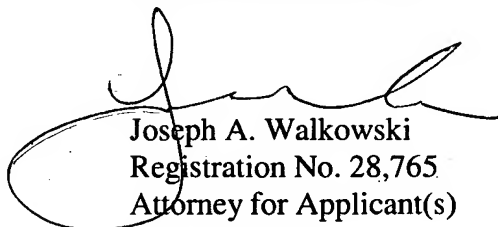
Serial No.: 10/714,115

Applicants submit herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,715.00 in payment therefor plus five (5) copies of the patent when issued.

Also, enclosed is an Amendment Pursuant to 37 C.F.R. § 1.312(a) (16 pages), plus attached Replacement Sheets of Drawings (10 sheets) and Annotated Sheets Showing Changes Made (10 sheets); Comments on Statement of Reasons for Allowance (2 pages); and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages).

Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



Joseph A. Walkowski  
Registration No. 28,765  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: March 15, 2005  
JAW/ps:slm

Enclosures: Part B - Issue Fee Transmittal  
Check No. 21464 in the amount of \$1,715.00  
Copy of Transmittal Letter  
Amendment Pursuant to 37 C.F.R. § 1.312(a) (16 pages), plus attached  
Replacement Sheets of Drawings (10 sheets) and Annotated Sheets  
Showing Changes Made (10 sheets)  
Comments on Statement of Reasons for Allowance (2 pages)  
Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

Document in ProLaw



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Fishburn et al.

**Serial No.:** 10/714,115

**Filed:** November 13, 2003

**For:** METHODS OF FORMING A  
DOUBLE-SIDED CAPACITOR OR A  
CONTACT USING A SACRIFICIAL  
STRUCTURE AND SEMICONDUCTOR  
DEVICE PRECURSOR STRUCTURES TO  
A DOUBLE-SIDED CAPACITOR OR A  
CONTACT

**Confirmation No.:** 2724

**Examiner:** S. Hu

**Group Art Unit:** 2811

**Attorney Docket No.:** 2269-5926US  
(02-0070.00/US)

**Notice of Allowance Mailed:**

December 20, 2004

**Express Mail Mailing Label No.:** EL 994844422 US

**Date of Deposit with USPS:** March 15, 2005

**Person making Deposit:** Steve Wong

**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

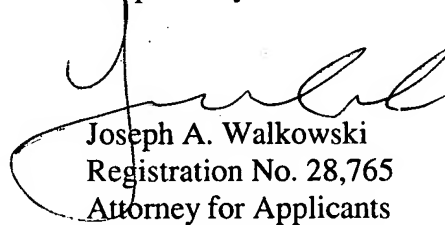
Sir:

The Examiner indicates:

Prior art does not teach or render obvious a method of forming a double-sided capacitor as defined in the allowed claims above, comprising particularly the steps of: forming a first sacrificial liner and forming a sacrificial plug of different materials in a first opening in a first insulating layer; forming a second sacrificial liner in a second opening in a second insulating layer; removing the sacrificial plug; and filling the two aligned openings with a first conductive layer that has an external surface in contact with the two sacrificial liners; and selectively removing the two sacrificial layers so as to expose the external surface of the first conductive layer.

Applicants concur with the reasons as stated by the Examiner insofar as they comprise a summary and are exemplary and not limiting. However, the independent claim as allowed includes other and different language than that specified by the Examiner, and the allowed dependent claims include other and further features and elements. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as equivalents thereof.

Respectfully submitted,



Joseph A. Walkowski  
Registration No. 28,765  
Attorney for Applicants

TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: March 15, 2005  
JAW/KAH/ps:ljb  
Document in ProLaw